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REMARKS

Claims 1-25 of the application stand rejected. Claims 1, 7 and 8 have been amended herein to more clearly define the scope of the presently claimed invention. Applicants respectfully requests reconsideration of pending Claims 1-25 in light of the amendments and remarks herein.

Claim objections

Claim 7 was objected to because the Examiner suggests that the phrase "determining a new at least one search result" should be changed to "determining at least a new search result". Applicants respectfully submit that as amended herein, Claim 7 no longer includes the phrase "determining a new at least one search result" – instead, it now claims "determining a second search result." Applicants respectfully submit that although this is not the Examiner's suggested language, the amendment addresses the Examiner's concern. Applicants therefore respectfully request the Examiner to withdraw the rejection to Claim 7.

35 U.S.C. §102

Claims 1-9, 11-13, 16 and 19-25 stand rejected under 35 U.S.C. §102(b) as anticipated by Li et al, U.S. Patent No. 5,911,138 ("Li"). The Examiner submits that Li discloses all the elements in these claims. Applicants respectfully traverse the Examiner's rejection.

Li discloses a system and method for a database search facility having an improved user interface. Specifically, Li presents a query statement and a graphical representation of its result when searched in a database simultaneously in a graphical user interface (Li, Col. 1, lines 64-67). In contrast, the present invention is directed at a system and method for *explaining* search logic and results. More specifically, independent Claim 1 includes the elements of presenting a presentation model to explain how a system model relates a plurality of search input elements to a comparison element, wherein the system model is used to determine a first search result, presenting how the system model is related to the comparison element, and presenting a relative importance

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of the system model in comparison with the comparison element. As described in the
specification:

> "A system model is a collection of data and control concepts used in the software running
> on the computer device, such as a search profile. The presentation component creates a
> presentation 308 of a presentation model relating the system model to one of the search
> results 306. **The presentation model is a way of envisioning the process of executing
> the search, which is how the computing device does the search, how the user
> conceptualizes the search, or some combination in between the two."** ...

> For example, a user may select one or more documents as search input elements 302 as
> part of a search request. The computer system 300 takes the input documents and
> produces a list of similar, relevant documents as search results 306 using the system
> model. The list of similar, relevant documents is part of the presentation 308 on a
> computer display. **The computer system produces a presentation model explaining
> how the search input elements lead to the search results by way of a list of key
> words selected from the input documents ranked in order of importance and
> frequencies of how often the key words appeared in both the input documents and
> the resulting documents. The presentation model also has words from the input
> documents that were not used in producing the results. The presentation 308 is a
> computer display showing the presentation model to the user in a manner that
> facilitates understanding. The presentation 308 allows the user to view the input
> documents and resulting documents with the key words highlighted. In this way,
> the user has visibility into the inner workings of the search, which permits the user
> to be more efficient and intelligent in conducting searches.**

(Specification, Paragraphs 18 and 19, emphasis added).

Li does not disclose either a "presentation model" or a "system model" as
claimed. The Examiner suggests that FIG. 3A of Li teaches these elements. Applicants
strongly disagree. As described in Li, Col. 4, lines 59-67 through Col. 5, lines 1-24, the
three windows illustrated in FIG. 3A are a query window (containing the most recent
query statement), the graph window (showing the results of the query statement displayed
in the query window in a graphical representation) and the history window (which
records the activity of the user in both the query and the graph windows, to allow the user
to quickly find previously created query statements, which greatly speeds up the process
of data analysis).

The Examiner suggests that element 100 of FIG. 3A in Li teaches both a
presentation model and a system model. Again, Applicants strongly disagree. As
highlighted in the excerpt from the specification above, the presentation model explains
to a user how search input elements lead to the search results. There is no such disclosure
in Li, in FIG. 3A or otherwise (and the Examiner has failed to show such).
Additionally, the Examiner submits that a portion of the query in the query window of

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FIG. 3A of Li teaches the comparison element. Again, Applicants strongly disagree. As described in the specification:

> "The presentation model 402 explains how a system model 404 relates a plurality of search input elements 406 to a comparison element 408. The comparison element 408 may be selected from a number of potential comparison elements 416....
>
> For example, if the search input elements 406 are HTML documents, the parts are words, images, links, and the like. In this example, the system model 404 and the presentation model 402 would have parts which are also words, images, links, and the like, but need not be the same parts. An example presentation model 402 is a textual description displayed on a computer display relating input key words to resulting documents and explaining the search logic and how the results were determined. Also, the computer display lists **the key words used to process the search in order of how similar and relevant they are to the results.** The example computer display has hotlinks or hyperlinks on the keywords in the textual description that point to input documents and resulting documents."

Specification, Paragraphs 21 and 22 (emphasis added)

Thus, the comparison element in Claim 1 comprises an element selected from a list of elements (e.g., of key words) used to process a search in order of how similar and relevant they are to the results. FIG. 3A of Li does not teach such an element. Applicants respectfully submit that since Li does not teach all the elements of Claim 1, Li cannot anticipate Claim 1.

Similarly, Li also does not anticipate the remaining independent claims in the application, i.e., Claims 8, 11, 19 and 23. Since Li does not anticipate the independent claims, it also does not anticipate any claims dependant on these claims. Applicants therefore respectfully request the Examiner to withdraw the rejection to Claims 1-9, 11-13, 16 and 19-25 under 35 U.S.C. §102.

_35 U.S.C. §103_

Claim 10 stands rejected under 35 U.S.C. §103 as being unpatentable over Li in view of Hsu, U.S. Patent No. 6,374,079 ("Hsu"). Additionally, Claims 14, 15, 17 and 18 stand rejected under 35 U.S.C. §103 as being unpatentable over Li. Applicants respectfully traverse the Examiner's rejection.

Without addressing the propriety of combining Li with Hsu, Applicant respectfully submits reiterate that, as discussed in detail above, Li fails to teach or suggest various elements of independent Claims 1, 8, 11, 19 and 23. The combination of Hsu with Li does not overcome this problem, i.e., Hsu also does not teach a presentation model, system model and/or a comparison element, as claimed. Applicants therefore

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respectfully submit that neither Li nor Hsu, alone or in combination, renders dependant Claims 10, 14, 15, 17 and 18 unpatentable and respectfully request the Examiner to withdraw the rejection to these claims under 35 U.S.C. §103.

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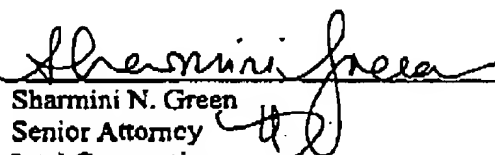## CONCLUSION

Based on the foregoing, Applicants respectfully submit that the applicable objections and rejections have been overcome and that pending Claims 1-25 are in condition for allowance. Applicants therefore respectfully request an early issuance of a Notice of Allowance in this case. If the Examiner has any questions, the Examiner is invited to contact the undersigned at (310) 406-2362.

If there are any additional charges, please charge Deposit Account No. 50-0221.

Respectfully submitted,

Dated: September 1, 2004

Sharmini N. Green
Senior Attorney
Intel Corporation
Registration No. 41,410
(310) 406-2362

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